

Date: Sat, 4 Sep 93 04:30:16 PDT  
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>  
Errors-To: Ham-Digital-Errors@UCSD.Edu  
Reply-To: Ham-Digital@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Digital Digest V93 #29  
To: Ham-Digital

Ham-Digital Digest                      Sat, 4 Sep 93                      Volume 93 : Issue    29

Today's Topics:

                    AMIGA AND BAYCOM QUESTIONSWO  
                    Any interest in a DSP conference?  
                    BAYCOM MODEM AND AMIGA QUESTIONS.  
                    Contents of the ARRL 12th Digital Conference Proceedings  
                                    frg8800  
                    Looking for info on TASC0 software  
                            Mac 660AV DSP and packet radio  
                            Packet Poltergeists ?  
                            RTTY software

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>  
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 3 Sep 93 19:38:26 GMT  
From: news.univie.ac.blekul11!pbj@uunet.uu.net  
Subject: AMIGA AND BAYCOM QUESTIONSWO  
To: ham-digital@ucsd.edu

Hello

Is it possible to use a Baycom compatible modem with the Amiga Computer ?  
Is it possible to use a BBS systems developped for the Baycom modem on an  
Amiga ?  
Is it possible to run NOS like program and a Baycom modem on Amiga ?  
where can I get the drivers to drive a Baycom modem on an Amiga ?

Thanks a lot.

Pascal.

-----  
Date: 3 Sep 93 15:45:02 EDT  
From: psinntp!arrl.org@uunet.uu.net  
Subject: Any interest in a DSP conference?  
To: ham-digital@ucsd.edu

Some of us here at ARRL HQ have been discussing the idea of putting together a conference, probably for next year, on digital signal processing in Amateur Radio. This would be along the lines of the ARRL Digital Conference (nee Computer Networking Conference), but focussing on applications of DSP to ham radio.

I've little doubt that we could get people to attend a conference like that, but I'm not sure whether we could get people to submit papers for it. There's not much point in having a conference unless you have presentations! Since many of the possible DSP applications apply to digital communications, there may be some cross-over between the existing Digital Communications Conference and the proposed DSP conference, too.

So, I'm sounding the waters... are there folks out there who would be interested in submitting papers for such a conference? And are there any Amateur Radio organizations (clubs, etc) that would be interesting in hosting same? Or is this a dumb idea? Please let me know if you are interested.

-----  
Jon Bloom, KE3Z | jbbloom@arrl.org  
American Radio Relay League |  
225 Main St., Newington CT 06111 |

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Date: 3 Sep 93 17:05:57 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: BAYCOM MODEM AND AMIGA QUESTIONS.  
To: ham-digital@ucsd.edu

Hello,

Is it possible to use a Baycom compatible modem with an Amiga Computer ?  
Which programs are needed and where can I find them to drive a Baycom with an Amiga ?

Is it possible to run NOS for Amiga with a Baycom modem ?  
Where can I find a F6FBB like program on the Amiga ?

Thanks a lot and best regards.

Pascal.

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Date: 3 Sep 93 16:04:31 EDT  
From: psinntp!arrl.org@uunet.uu.net  
Subject: Contents of the ARRL 12th Digital Conference Proceedings  
To: ham-digital@ucsd.edu

(Note: the Digital Communications Conference, formerly called the  
Computer Networking Conference, will be held on Sept. 11 in Tampa, FL.)

List of papers, 12th ARRL Digital Communications Conference  
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"Using Airborne Digital Repeaters in Emergency Communications,"  
by Gary Arnold, WB2WPA  
"A Prototype TNC-3 Design Approach, " by Bill Beech, NJ7P, Doug  
Nielsen, N7LEM, and Jack Taylor, N700  
"DSP Implementation of 300- and 1200-Baud FSK Packet  
Demodulators," by Jon Bloom, KE3Z  
"The ARDS Project," by Roy V. Ekbart, W0LIQ, and Martin R.  
Schroedel, K9LTL  
"Usage of TCP/IP Over ROSE in the Tampa Bay Area," by Chuck Hast,  
KP4DJT/TI3DJT  
"Unique Identification Signals for CCIR 625," by Michael J.  
Huslig  
"Network Information Services," by Brian A. Lantz, K04KS  
"Networking ANSI Color Graphics," by Brian A. Lantz, K04KS  
"Interfacing Between ROSE and TCP/IP," by Thomas A. Moulton, W2VY  
"Packet Radio in Disaster Situations," by Robert Osband, N4SCY  
"The HUB 5/29 IP Routing Experiment," by Paul Overton, G0MHD, and  
Ian Wade, G3NRW  
"A Low Cost Transceiver for 19.2 kb/s FSK Transmission in the 23  
cm Band," by Wolf-Henning Rech, N1EOW/DF9IC  
"Low Cost Entry Into Packet Radio Using BayCom," by Christopher  
C. Rendenna, KB2BBW  
"Improved TNC Interconnections," by Donald A. Rotolo, N2IRZ  
"Packet Tracker--A Graphical Packet Tracking Program," by Mark  
Sproul, KB2ICI  
"Mail Tracker--A Graphical Mail Tracking Program," Keith Sproul,  
WU2Z  
"The Client/Server Bulletin Board System (csbbs)," by Jim Van  
Peurse, KE0PH, and Bob Arasmith, N0ARY  
"RMAILER: The Next Generation," by Frank Warren, Jr., KB4CYC  
"SoftWire," by Aaron Wohl, N3LIW  
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Jon Bloom, KE3Z

| jbbloom@arrl.org

American Radio Relay League |  
225 Main St., Newington CT 06111 |

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Date: Thu, 2 Sep 1993 21:48:21 GMT  
From: pipex!sunic!kth.se!dront.nada.kth.se!su92-ban@uunet.uu.net  
Subject: frg8800  
To: ham-digital@ucsd.edu

Is there any free program for IBM-pc for controlling the YAESU  
frg8800 via its FIF-RS232C interface.  
If anybody knows about such creature PLEASE mail me a note  
where it could be find.

Bengt  
su92-ban@nada.kth.se

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Date: 3 Sep 93 16:19:45 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Looking for info on TASC0 software  
To: ham-digital@ucsd.edu

Doron Levy <dlevy@libra.math.tau.ac.il> writes:

>Does anyone out there know what capabilities does the TASC0 message  
>board software (supplied with their TNC-231) has? (i.e. does it  
>support TCP/IP, NET/ROM, zip files etc.).

The TASC0 TNC-231 has a modified version of the TAPR firmware  
(probably based on 1.1.5 or 1.1.6). The brochure I have (written  
in Japanese, which I do not read) does not indicate, but I would  
expect that it supports KISS, which would, in turn, support  
tcp/ip operation. I would also expect that the hardware would  
probably not be compatible with NET/ROM firmware, as the addition  
of the other modes (RTTY, Baudot, FAX) would make the firmware not  
directly interchangeable. Sending zip files, etc., is more a  
function of the software you use with it. YAPP, and paKet should  
be compatible. They work fine with the packet-only TASC0 models.

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Bob Nielsen, W6SWE  
Tucson, AZ

Internet: w6swe@tapr.org  
AX.25: w6swe@kc7cg.az.usa.na  
Amateur IP: 44.124.12.16

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Date: 1 Sep 93 19:11:30 GMT  
From: news.graphics.cornell.edu!newsstand.cit.cornell.edu!piccolo.cit.cornell.edu!  
crux1!jrl2@tcgould.tn.cornell.edu  
Subject: Mac 660AV DSP and packet radio  
To: ham-digital@ucsd.edu

Just wondering,  
The mac 660av has a dsp chip that is being used to  
do speech recognition, modem emulation, faxemulation.  
Anyone working on a packet modem aemulator?  
Thanks,  
-Jeff Luszcz N2TIQ  
jrl2@cornell.edu

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Date: Wed, 1 Sep 1993 20:17:10 GMT  
From: netcomsv!netcom.com!adler@decwrl.dec.com  
Subject: Packet Poltergeists ?  
To: ham-digital@ucsd.edu

In article <93243.081327BDS2@psuvm.psu.edu> <BDS2@psuvm.psu.edu> writes:  
>Last night I got a call from a neighboring ham to tell me my packet station was  
>broadcasting bunches of ascii characters for several minutes on its own, with  
>out having been connected to anything. When he tried to connect, the station  
>only sent out "]"'s to him. I am stumped as to the cause. The only thing I can  
>think is that when it receives some packets that have non-text characters  
>(like when local nodes are processing compressed mail), the terminal emulator  
>on the PC starts to beep and clear the screen. Has anyone ever heard of that  
>sort of garbage characters actually able to \*initiate\* a "packet storm" like  
>what my station started? Needless to say, I don't leave it on unattended any  
>more!  
>  
>BTW, my setup:  
>  
>MFJ1270 TNC  
>Tandy laptop PC running PC Plus terminal program  
>Azden PC3000-2m transceiver  
>2m 1/4 wave dipole in the attic.  
>  
>Thanks for any help!  
>  
>Brett N3EVB

I'm not familiar with PC Plus; you should check to see what  
kind of terminal it emulates and how accurate it does so.

Is it some sort of ANSI 3.64 type of emulation? That might be a problem if your TNC actually sends thru compressed binary data that contains certain magic character sequences. For example, what does your terminal emulator do when it receives an ENQ character (0x05)? Does it send an Answerback sequence? Also, what about ESC Z, or ESC [ c, or ESC [ 0, or ESC [ > c, etc. There are a whole bunch of sequences that could cause an ANSI 3.64 compatible, or VT100, or other type of terminal to autonomously transmit or to lockup in a funny mode. But off the top of my head, I can't think of one that would just cause "]"'s.

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Date: Thu, 2 Sep 1993 20:11:57 GMT  
From: swrinde!sdd.hp.com!hpscit.sc.hp.com!cupnews0.cup.hp.com!  
jholly@network.ucsd.edu  
Subject: RTTY software  
To: ham-digital@ucsd.edu

I have the v2.04 of the WF1B RTTY program. I understand there is a newer version v2.09. Does anyone have a current address or phone number? Or anyone willing to help me get a current version?

Thanks, Jim, WA6SDM  
jholly@cup.hp.com

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End of Ham-Digital Digest V93 #29  
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